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(54) **Rubber composition and heat-resistant hoses**

(57) An acrylic rubber composition comprises acrylic rubber having an epoxy group as a base material and a total of 160 to 220 parts by weight of additives including 50 to 80 parts by weight of carbon black having specific ranges of average particle diameter and DBP absorption and 0.8 to 2.6 parts by weight of a vulcanizing agent, each relative to 100 parts by weight of the base

material. The composition has a specific range of Mooney viscosity. It has a high heat resistance, a low compression set at a high temperature, and a high extrudability into a hose of large diameter. Also disclosed is a heat resistant hose formed of the composition and having a relatively large diameter.

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# EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                     |                                                      |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Citation of document with indication, where appropriate, of relevant passages                       | Relevant to claim                                    | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                     |                                                      | C08K                                         |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                     |                                                      |                                              |
| Place of search<br>MUNICH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                     | Date of completion of the search<br>12 November 2002 | Examiner<br>Engel, S                         |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>% : member of the same patent family, corresponding document</p> |                                                                                                     |                                                      |                                              |

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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